

5th International workshop on heavy quark production in heavy-ion collisions



Contribution ID: 68

Type: **not specified**

Upsilon measurements in STAR

Wednesday, 14 November 2012 14:30 (30 minutes)

We report on measurements of Upsilon mesons in the dielectron channel with the STAR detector at RHIC. Upsilon mesons are expected to be sensitive to the deconfinement transition in the Quark Gluon Plasma, and to be useful in determining the medium temperature. We compare the yield obtained in Au+Au data, separated into three centrality classes, to the measured cross section from p+p collisions. Our data are compared to models of bottomonium dissociation.

Primary author: CALDERON DE LA BARCA, Manuel (UC Davis)

Presenter: CALDERON DE LA BARCA, Manuel (UC Davis)

Session Classification: Quarkonia

Track Classification: Quarkonia